

LAW OFFICES
WILLIAM W. HAEFLIGER
PATENT LAWYER

201 SOUTH LAKE AVENUE
SUITE 512
PASADENA, CALIFORNIA 91101

TELEPHONE
(323) 684-2707
(626) 449-0467
FAX (626) 449-0520
E-MAIL: whaeffig@pacbell.net

FAX TRANSMISSION COVER SHEET

Date: July 16, 2003

To: Examiner John D. Lee 703 746-4754

Subject: Serial No.09/575,522, our Docket 12,103

6 pages (includes the cover sheet)

COMMENTS: Attached are proposed amended claims 1 and 26 for
telephone interview discussion. Please call.

Respectfully,


William W. Haeffliger

Original will follow by: x Will not follow
Regular Mail
Express Mail
Air Mail (confirmation copy)

CONFIDENTIALITY NOTE

THE INFORMATION CONTAINED IN THIS TELECOPY MAY BE LEGALLY PRIVILEGED AND IS CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IT IS EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW INCLUDING COURT ORDERS. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THIS TELECOPY TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY USE, DISSEMINATION, DISTRIBUTION, OR COPY OF THIS TELECOPY OR ITS INFORMATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEFAX, TELEX OR TELEPHONE USING THE ABOVE NUMBERS, AND MAIL/AIRMAIL THIS TELECOPY BACK TO US IMMEDIATELY.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Art Unit 2874Examiner: John D. Lee

Applicant:

John M. Savage, Jr.

Serial No:

09/575,522

Filed:

May 23, 2000

For:

LENS UNIT AND FIBER OPTIC
CABLE ASSEMBLY-----
Pasadena, California

Assistant Commissioner for Patents

Alexandria, VA 22313-1450

R E M A R K S

Sirs:

Applicant wishes to thank Examiner for his
courtesy in granting the recent interview, at which time the
claims as above amended ^{were} ~~are~~ discussed.

Base claim 1 now includes contents of claims 4, 5,
6 and 7 now cancelled. Also, claim 1 now includes:

"and including said mounting board, the
entirety of the LED spaced away from the
mounting board.--

Serial No.09/575,522

Base claim 26 includes contents of claim 36, now cancelled; and claim 26 also includes:

"there being a receiver carrying the LED and a support board carrying the receiver, the entirety of the LED spaced away from the support board".

No cited art suggest the totality of claim 1 as amended, or the totality of claim 26 as amended, whereby claims 1 and 26, and all remaining dependent claims are believed and urged to be allowable.

In this regard, claims 1, 4, 5, 6 and 7 (now in claim 1) were rejected on Savage '176; however, Fig. 24 of Savage shows LED terminal 11e' projecting downwardly through the circuit board 19; whereas, claims 1 and 26 now state that the entirety of the LED is spaced away from the circuit board. This configuration allows for "surface mounting" of the LED, for ease of assembly, as distinguished from mounting the LED via a through hole in the board. No cited art suggests this in the totality of base claim 1 or the totality of base claim 26.

U.S. Patent 6,302,595 to Vilgiate requires an LED terminal to penetrate through a circuit board (see Fig. 14).

Serial No.09/575,522

U.S. Patent 6,264,376 to Savage shows the LED 15 engaging the circuit board, and no receiver;

U.S. Patents 5,818,995 and 5,548,676 and 5,440,658 to Savage shows LED terminals penetrating through the circuit board;

U.S. Patents 5,368,503 and 5,466,174 to Savage do not show a receiver for an LED mounted to a circuit board; and U.S. Patents 4,718,744 and 6,256,445 are similarly deficient.

In addition, U.S. patents 6,302,595; 5,368,503; and 6,264,376 lack suggestion of light collimating structure.

In view of the claim amendment, including the base claim amendment, the above argument and the interview, withdrawal of the rejection and allowance are respectfully solicited.

Respectfully submitted,

William W. Haefliger
Attorney for Applicant
Registration No.17,120
Area Code 323 684-2707

WWR:hk
Docket 12,103